

Technological Competency Optional Outcome for the Critical Thinking Rubric

Outcome:

Uses appropriate forms of technology as an aid in problem solving

Outcome Components	Advanced 4	Proficient 3	Basic 2	Minimal 1	Not Evident/Deficient 0
Understands tools available, such as databases, software, web tools, etc., to address the issue	Conceptually understands technologies available to solve problems	Is aware of technologies available to solve problems	Has limited awareness of technological tools available to solve problems	Unaware of technological tools available to solve problems	No attempt is made to use technology to aid in problem solving
Identifies technologies that are appropriate in addressing the issue	Selects suitable mix of appropriate technologies	Selects adequate mix of appropriate technologies	Selects marginally suitable mix of appropriate technologies	Selects inappropriate tools to solve the problem	No attempt is made to determine appropriate technologies
Competently deploys technological tools needed to collect, gather, and analyze data	Uses technologies fully and competently in solving the problem	Uses some technological features competently in solving the problem	Uses technological tools in basic ways to solve the problem	Uses technological tools in inappropriate ways to solve the problem	No attempt is made to select or deploy task-specific technologies
Recognizes the limits of available technologies	Demonstrates a sophisticated understanding of the limits of technologies	Recognizes the limits of available technologies	Acknowledges many of the limits of technologies	Demonstrates some awareness of the limits of available technologies	Demonstrates no awareness of the limits of technologies
Effectively incorporates technologies into analysis	Technology use enhances the analysis	Technology use somewhat strengthens analysis	Technology use does not improve analysis	Technology use detracts from the analysis	No attempt is made to integrate technology

By Robyn Davis